

In the Claims

1-44 (canceled).

45 (currently amended). A DNA construct comprising a polynucleotide sequence encoding a fusion protein, said fusion protein comprising an immunoglobulin signal peptide (IgSP) fused to a tissue-type plasminogen activator (tPA) propeptide (IgSP-tPA pre-propeptide) and a polypeptide of interest, wherein said tPA propeptide consists of amino acids 23 to 32 of SEQ ID NO: 2.

46 (previously presented). The DNA construct of claim 45, wherein said immunoglobulin signal peptide is a murine immunoglobulin signal peptide.

47 (previously presented). The DNA construct of claim 46, wherein said murine immunoglobulin signal peptide comprises SEQ ID NO: 3.

48 (previously presented). The DNA construct of claim 45, wherein said tPA propeptide is a human tPA propeptide wherein the carboxy terminus is Arg-Xaa-Arg-Arg.

49 (canceled).

50 (previously presented). A DNA construct comprising a polynucleotide sequence encoding a fusion protein, said fusion protein comprising an immunoglobulin signal peptide (IgSP) fused to a tissue-type plasminogen activator (tPA) propeptide to form an IgSP-tPA pre-propeptide(IgSP-tPA pre-propeptide), wherein said tPA propeptide comprises SEQ ID NO: 1.

51 (canceled).

52 (currently amended). A DNA construct comprising a polynucleotide sequence encoding a fusion protein, said polynucleotide sequence comprising an fusion protein comprising an immunoglobulin signal peptide (IgSP) fused to a tissue-type plasminogen activator (tPA) propeptide to form an IgSP-tPA pre-propeptide(IgSP-tPA pre-propeptide), wherein said IgSP comprises SEQ ID NO: 3 and said tPA consists of amino acids 23 to 32 of SEQ ID NO: 2~~DNA construct comprises SEQ ID NO: 3 fused to SEQ ID NO: 4~~.

53 (canceled).

54 (previously presented). A vector comprising a DNA construct according to claim 45.

55 (previously presented). An isolated host cell transformed with the DNA construct according to claim 45.

56 (previously presented). The host cell of claim 55, wherein said cell is a CHO cell.

57-58 (canceled).

59 (new). An isolated host cell transformed with the DNA construct according to claim 45.

60 (new). An isolated host cell transformed with the DNA construct according to claim 50.

61 (new). An isolated host cell transformed with the DNA construct according to claim 52.

62 (new-withdrawn). A process for the production of a polypeptide of interest comprising culturing the host cell of claim 59 under conditions that allow for the production of a polypeptide.

63 (new-withdrawn). A process for the production of a polypeptide of interest comprising culturing the host cell of claim 60 under conditions that allow for the production of a polypeptide.

64 (new-withdrawn). A process for the production of a polypeptide of interest comprising culturing the host cell of claim 61 under conditions that allow for the production of a polypeptide.